

WHAT IS CLAIMED IS:

1. An isolated nucleic acid molecule comprising a nucleotide sequence having at least about 80% nucleic acid sequence identity to (a) the DNA molecule of any one of Figure 1 to 562, or (b) the complement of the DNA molecule of (a).

5 2. The isolated nucleic acid molecule of Claim 1 comprising the nucleotide sequence shown in any one of Figure 1 to 562, or the complement thereof.

10 3. The isolated nucleic acid molecule of Claim 1 consisting essentially of a nucleotide sequence having at least about 80% nucleic acid sequence identity to (a) the DNA molecule of any one of Figure 1 to 562, or (b) the complement of the DNA molecule of (a).

4. The isolated nucleic acid molecule of Claim 1 consisting essentially of the nucleotide sequence shown in any one of Figure 1 to 562, or the complement thereof.

15 5. The isolated nucleic acid molecule of Claim 1 consisting of a nucleotide sequence having at least about 80% nucleic acid sequence identity to (a) the DNA molecule of any one of Figure 1 to 562, or (b) the complement of the DNA molecule of (a).

20 6. The isolated nucleic acid molecule of Claim 1 consisting of the nucleotide sequence shown in any one of Figure 1 to 562, or the complement thereof.

7. An isolated nucleic acid molecule which hybridizes to (a) the DNA molecule of any one of Figure 1 to 562, or (b) the complement of the DNA molecule of (a).

25 8. The isolated nucleic acid molecule of Claim 7 which hybridizes to the complement of the DNA molecule of any one of Figure 1 to 562.

9. The isolated nucleic acid molecule of Claim 7, wherein said hybridization occurs under stringent hybridization conditions.

30 10. An isolated nucleic acid molecule comprising at least about 10 consecutive

nucleotides contained within (a) the DNA molecule of any one of Figure 1 to 562, or (b) the complement of the DNA molecule of (a).

11. The isolated nucleic acid molecule of Claim 10 comprising at least about 10 consecutive nucleotides contained within the complement of the DNA molecule of any one of Figure 1 to 562.

12. The isolated nucleic acid molecule of Claim 10 which is from about 10 to about 1000 nucleotides in length.

13. The isolated nucleic acid molecule of Claim 10 which is from about 10 to about 500 nucleotides in length.

14. The isolated nucleic acid molecule of Claim 10 which is from about 10 to about 100 nucleotides in length.

15. The isolated nucleic acid molecule of Claim 10 which is from about 10 to about 50 nucleotides in length.

16. The isolated nucleic acid molecule of Claim 11 which is fully complementary to the DNA molecule of any one of Figure 1 to 562.

17. The isolated nucleic acid molecule of Claim 10 which is detectably labeled.

18. A method of detecting the presence of a cDNA molecule which encodes a mammalian polypeptide in a mammalian cDNA library, said method comprising:

contacting said cDNA library with an oligonucleotide probe that hybridizes to the DNA molecule of any one of Figure 1 to 562, wherein said contacting is performed under conditions suitable for hybridization of said probe to a cDNA molecule in said library and wherein hybridization of said probe to a cDNA molecule in said library is indicative of the presence of cDNA molecule which encodes a mammalian polypeptide in said cDNA library.

19. The method of Claim 18, wherein said hybridization is performed under stringent hybridization conditions.

20. The method of Claim 18, wherein said oligonucleotide probe comprises at least about 10 consecutive nucleotides contained within the complement of the DNA molecule of any one of Figure 1 to 562.

21. The method of Claim 18, wherein said mammalian polypeptide is a human polypeptide.

22. A vector comprising the nucleic acid molecule of Claim 1.

23. The vector of Claim 22, wherein said nucleic acid molecule is operably linked to control sequences recognized by a host cell transformed with the vector.

24. A host cell comprising the vector of Claim 22.

25. The host cell of Claim 24, wherein said cell is a CHO cell.

26. The host cell of Claim 24, wherein said cell is an *E. coli*.

27. The host cell of Claim 24, wherein said cell is a yeast cell.

28. An isolated SRT polypeptide encoded by the nucleic acid molecule of Claim 1.

29. An antibody which binds to the isolated SRT polypeptide of Claim 28.

30. The antibody of Claim 29 which is a monoclonal antibody.

31. The antibody of Claim 29 which is a humanized antibody.